

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,003,445 B2  
APPLICATION NO. : 09/909530  
DATED : February 21, 2006  
INVENTOR(S) : Kevin W. Humphreys et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, Item (56), under "Other publications", line 6, delete "1691)" and insert -- 16(1) --, therefor.

In column 2, line 18, delete "VPwNPI" and insert -- VPwNP1 --, therefor.

In column 10, line 32, delete "VPwAVP1" and insert -- VPwAVPI --, therefor.

In column 15, line 33, delete "Suprising" and insert -- Surprising --, therefor.

In column 17 (Formula 6), line(s) 43-44, delete  
"Prob(modhw( $n_x$ )|trn( $n_x$ )hw( $n_x$ ),pl( $n_x$ ),sh( $n_x$ ),segtype( $n_x$ ))" and insert  
-- Prob(modhw( $n_x$ )|trn( $n_x$ ),hw( $n_x$ ),pl( $n_x$ ),sh( $n_x$ ),segtype( $n_x$ )) --, therefor.

In column 19, line(s) 21-24, delete " $\frac{\text{Count(modhw}(n_x) \& \text{trn}(n_x) \& \text{hw}(n_x))}{\text{Count(trn}(n_x) \& \text{hw}(n_x))}$ " and insert  
$$\frac{\text{Count(modhw}(n_x) \& \text{trn}(n_x) \& \text{hw}(n_x))}{\text{Count(trn}(n_x) \& \text{hw}(n_x))}$$
--, therefor.

In column 20, line 53, in Claim 2, delete "free" and insert -- tree --, therefor.

In column 20, line 55, in Claim 3, delete "scaring" and insert -- scoring --, therefor.

In column 21, line 27, in Claim 5, delete "code" and insert -- node --, therefor.

In column 21, line 36, in Claim 5, delete "free" and insert -- tree --, therefor.

In column 22, line 19, in Claim 7, delete "wit" and insert -- with --, therefor.

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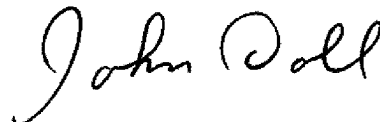
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 22, line 29, in Claim 8, delete “free” and insert -- tree --, therefor.

Signed and Sealed this

Twenty-eighth Day of July, 2009

A handwritten signature in black ink that reads "John Doll". The signature is written in a cursive style with a large, stylized 'J' and 'D'.

JOHN DOLL  
*Acting Director of the United States Patent and Trademark Office*